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PATENT

IN THE SPECIFICATION

Please delete the paragraph starting on page 4 (lines 34-38) continuing on page 5 (lines 1-30) of the specification and replace it with the following, a marked up copy of which appears under Exhibit A pursuant to new rule 37 C.F.R. § 1.121.

C2

By using flexible high-voltage insulated electric conductors, in the stator winding, with permanent insulation, which comprises an inner layer, surrounding the conductor, with semiconducting properties and that the insulation is also provided with at least one additional outer semiconducting layer, surrounding the insulation, with semiconducting properties. The inner semiconducting layer shall function in such a way as to even the potential by connecting it to a selected potential and on the other part by enclosing the electric field around the conductors within the outer layer. Semiconducting properties in this context is a material which has a considerably lower conductivity than an electric conductor but which does not have such a low conductivity that it is an insulator. For example, the inner and outer semiconducting layers may have a resistivity within the interval 10^{-6} Wcm – 100 kWcm. By using only insulating layers which may be manufactured with a minimum of defects and, in addition, providing the insulation with an inner and outer semiconducting layer, it can be insured that the thermal and electric loads are reduced. The voltage of the machine can be increased to such levels that it can be connected directly to the power network without an intermediate transformer. The step-up transformer is thus eliminated. Another advantage is that the design of the insulation system will make it possible to arrange the layers of the windings more freely. At the end windings it is possible to let the layers cross each other and to mix layers of windings with different voltage. This makes it possible to make the machine more compact, even though it comprises several layers of windings.

Please delete the second full paragraph (lines 13-24) on page 7 of the specification and replace it with the following, a marked up copy of which appears under Exhibit B pursuant to new rule 37 C.F.R. § 1.121.

CB
Figure 2 shows a cross section of a flexible cable 4 used in the present invention. The cable 4 comprises a conductor 6 with circular cross section, consisting of a number of strands and made of copper, for instance. This conductor 6 is arranged in the middle of the cable 4. Around the conductor 6 is a first semi-conducting layer 7. Around the first semi-conducting layer 7 is an insulating layer 8 of XLPE insulation, for instance. Around the insulation layer 8 is a second semi-conducting layer 9. In this context a cable does not include the outer protective sheath which normally surrounds a cable for power transmission or distribution.